

- 2 -

Amendments to the Claims:

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A display sheet comprising:
 - a) an optional substrate for carrying layers of material;
 - b) an imaging layer comprising a substantial monolayer of isolated domains of liquid-crystal material dispersed in a continuous matrix, said liquid-crystal material having a first reflecting state within the visible light spectrum defining an operating spectrum and a second weakly scattering state in said operating spectrum, wherein said states are capable of being interchanged by an electric field, which states are capable of being maintained as a stable state in an absence of an electric field, wherein said domains of liquid-crystal material comprises a mixture, coated as an emulsion to form the imaging layer, of at least two populations, a first population comprising a first liquid-crystal material having a first λ_{\max} and a second population comprising a second liquid-crystal material having a second λ_{\max} wherein there is a difference between said first and said second λ_{\max} of at least 50 nm, wherein a substantial monolayer of isolated domains of liquid-crystal material means that, at most, only a minor portion of the area of the display sheet has more than a single domain between the electrodes in a direction perpendicular to the plane of the display sheet, compared to the amount of area of the display sheet at which there is only a single domain between the electrodes, whereby a more color-neutral image area is provided when the image area is in the first reflecting state;
 - c) first transparent conductors disposed on one side of said imaging layer;
 - d) second conductors disposed on an opposite side of said imaging layer.
2. (original) The display sheet of claim 1 wherein reflected light from said display sheet when said imaging layer is in the first reflecting state has CIE tristimulus values X, Y and Z that are within 20 percent of each other.

U.S. Serial No. 10/718,900

- 3 -

3. (previously presented) The display sheet of claim 1 wherein the first liquid-crystal material has a peak reflected wavelength in the range of 561 to 720 nanometers and said second liquid-crystal material has a peak reflected wavelength in the range of 450 to 560 nanometers.

4. (previously presented) The display sheet of claim 1 wherein said first and said second liquid-crystal material each comprises a dopant having a first and a second concentration, respectively, wherein said first and said second concentration differs such that the pitch of said second liquid-crystal material is smaller than the pitch of said first liquid-crystal material.

5. (previously presented) The display sheet of claim 1 wherein said first liquid-crystal material reflects red having λ_{max} in a range 630 to 720 nm.

6. (previously presented) The display sheet of claim 5 wherein the imaging layer comprises a mixture of only two types of domains each reflecting in a different part of the visible spectrum, wherein said first liquid-crystal material reflects red and said second liquid-crystal material reflects green, blue, or cyan.

7. (previously presented) The display sheet of claim 6 wherein said first liquid-crystal material is red and said second liquid-crystal material is green.

8. (previously presented) The display sheet of claim 1 wherein said first and said second conductors are patterned to produce an addressable matrix.

9. (previously presented) The display sheet of claim 1 wherein said domains comprise chiral-nematic liquid-crystal material and said continuous matrix comprises gelatin.

Claims 10 to 20 (canceled)

Claims 21 to 27. (Canceled)

U.S. Serial No. 10/718,900

- 4 -

28. (previously presented) The display sheet of claim 1 wherein there is no more than a single layer of domains sandwiched between the electrodes at most points of the imaging layer.

29. (previously presented) The display sheet of claim 1 wherein there is no more than a single layer of domains sandwiched between the electrodes at 75 percent or more of the area of the display sheet.

30. (previously presented) The display sheet of claim 1 wherein said domains of liquid-crystal material comprises a mixture of substantially just two populations, a first population comprising a first liquid-crystal material having a first λ_{\max} and a second liquid-crystal material having a second λ_{\max} wherein there is a difference between said first and said second λ_{\max} of at least 50 nm.

31. (previously presented) The display sheet of claim 30 wherein there a difference between said first and said second λ_{\max} of at least 100 to 250 nm.

32. (previously presented) The display sheet of claim 30 wherein the first liquid-crystal material has a peak reflected wavelength in the range of 561 to 720 nanometers and said second liquid-crystal material has a peak reflected wavelength in the range of 450 to 560 nanometers.

33. (previously presented) The display sheet of claim 30 wherein said first liquid-crystal material reflects red having λ_{\max} in a range 630 to 720 nm.

34. (previously presented) The display sheet of claim 33 wherein said first liquid-crystal material reflects red and said second liquid-crystal material reflects green, blue, or cyan.

35. (previously presented) The display of claim 34 wherein said first liquid-crystal material is red and said second liquid-crystal material is green.

U.S. Serial No. 10/718,900

- 5 -

36. (previously presented) the display of claim 30 in which the number of domains of each of the two populations of domains is about 50 percent of the total number of domains.

U.S. Serial No. 10/718,900